

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	03/07/2018 03/07/2018	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2107_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has flood fight training and an emergency response plan.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2107_01_s_2013_7				
Comment Code					
Inspector Comment					
Flood fighting supplies are available on-site.					

Photo 1 of 1 : SP_2018_RD2107_329_7_20180305_00001.jpg



View of the flood fight emergency supplies.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

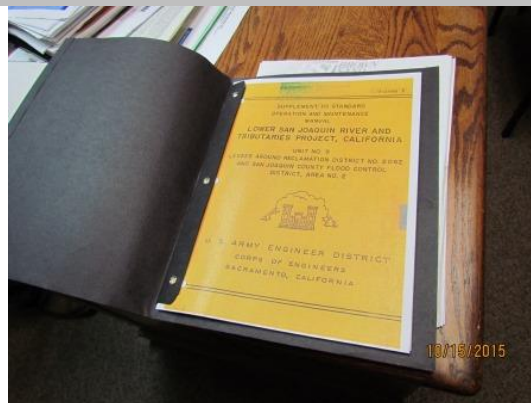
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	03/07/2018 03/07/2018	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	8		
LM End		Issue Type +	Ma	Location *			
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				o		o
					o		o
DWR ID	DWR_RD2107_01_s_2013_8						
Comment Code							
Inspector Comment							
The O&M Manual is available at the LMA's office.							

Photo 1 of 1 : SP_2018_RD2107_329_8_20180305_00002.jpg



View of the O&M Manual.

LM Start	0.78	Rating **	A	Issue No.	14
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.778668 °	37.778668 °
				-121.303248 °	-121.303248 °
DWR ID	DWR_RD2107_01_s_2018_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Acceptable vegetation control.					

Photo 1 of 1 : SP_2018_RD2107_329_14_20180307_00024.jpg



View of the acceptable vegetation control on the waterside levee slope, looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	03/07/2018 03/07/2018	Maksim Khashchuk

LM Start	1.35	Rating **	A/W	Issue No.	18
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			37.772470°	37.771910°
				-121.306820°	-121.304990°
DWR ID	DWR_RD2107_01_f_2017_18				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:113					
Site Designation:208-1					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes: No seepage observed in 2017.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	03/07/2018 03/07/2018	Maksim Khashchuk

LM Start	0.17	Rating **	A	Issue No.	5
LM End	0.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.761664 °	37.761664 °
				-121.312122 °	-121.312122 °
DWR ID	DWR_RD2107_02_s_2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Acceptable vegetation control.					

Photo 1 of 1 : SP_2018_RD2107_330_5_20180307_00010.jpg



View of the acceptable vegetation control on the levee slope, looking downstream.

LM Start	0.27	Rating **	M	Issue No.	6	
LM End	0.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.762613 °	37.762613 °	
				-121.313480 °	-121.313480 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:13637						
DS_ID:19057						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe filled in with soil around outlet and not visible on						
LS. Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe,						
16 feet below the crown. Slide gate on the waterside (WS) toe.						
[Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin						
O&M Manual 9, April 1964, (HLM 0.27)].						
FS Date: 5/21/2013						

Photo 1 of 2 : UCIP_SP_2018_13637_22299.jpg



Slide gate visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
---	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	03/07/2018 03/07/2018	Maksim Khashchuk

LM Start	0.27	Rating **	M	Issue No.	6 (cont)	
LM End	0.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.762613 °	37.762613 °	
				-121.313480 °	-121.313480 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:13637						
DS_ID:19057						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe filled in with soil around outlet and not visible on LS. Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe, 16 feet below the crown. Slide gate on the waterside (WS) toe.						
[Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 9, April 1964, (HLM 0.27)].						
FS Date: 5/21/2013						

Photo 2 of 2 : UCIP_SP_2018_13637_22298.jpg



Slide gate visible on WS toe.

LM Start	1.01	Rating **	C	Issue No.	4
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.769832 °	37.769832 °
				-121.322758 °	-121.322758 °
DWR ID	DWR_RD2107_02_s_2017_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
The LMA repaired the10 ft erosion at waterside toe. Area should me monitored for the next flood season.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---